



Nova Power Grip 401 2-K

2K PU FOR SUPER FAST REPAIR AND BONDING

- ✓ High filling capacity and unique adhesion.
- ✓ Can be sanded, tapped or drilled very quickly.
- ✓ If more working time is required, please see Nova Power Grip 403 and 409.

Technical Info

- Basis: polyurethane.
- Smell: typical.
- Color: black.
- Mixing time (23°C): 50 seconds.
- Acting time (23°C): 1 to 2 minutes.
- Can be sanded/manipulated: after 10 minutes.
- Can be painted on: after 60 minutes.
- Elastic strength (%): 70%.
- Tensile strength: 2620 N/cm².
- Shear strength: 1378 N/cm².
- Temperature resistance: 90°C.
- Adherence: very good attachment to most plastics, polyesters, ferrous and non-ferrous metals, enamels and varnishes surpasses the cohesion of surfaces such as concrete, stone, wood,... more than 2N/mm² on metals (practical calculated value).
- Chemical resistance: resistant to many acids, alkalis, oils, fats, petrol, heating oil, many solvents, salt solutions, aggressive vapours and sea air, not resistant to strong solvents.
- Hardening: no shrinkage.
- Min. processing temperature: 8°C.
- Electrical resistance: > 109 Ohm.
- Solids content: 100%.
- Important: less good to poor adhesion can occur on plastics such as PE, PPU and silicones. Test first.
- Shelf life: 24 months, keep dry, cool and frost proof.

Product [NPG1]

Characteristics

Nova Power Grip 401 2-K is a superfast assembly and repair adhesive to glue or repair headlight supports, bumpers, decorative strips, clips for door cladding,... Repairs and gluing of hard, flexible, semiflexible and fibre-filled plastics, plastics, painted steel, stone, concrete, melamine, wood,... Nova Power Grip 401 2-K approaches the strength and flexibility of synthetic materials.

Applications

Automotive:

- repairs hard and flexible plastics with a very fast drying time.
- repairs headlights, bumpers, decorative strips,... where fast drying time is required.

Industry:

- repair of hard and flexible plastics with very fast hardening.
- quickly glues ABS, SMC, PC, HPL, Melamine, whole rattan, wood, stone, ...
- quickly glues insulating materials like Styrodur, Rock wool, Rock pannel.

- Safety measures: consult the Safety Data Sheet.

Packing

Nova Power Grip 401 2-K - cartridge 250ml

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Use

As from 24 August 2023 adequate training is required before industrial or professional use.

Substrate preparation

- Clean with Safety Clean and/or Multifoam.
- Sand the material.
- Remove all dust.
- Degrease with Safety Clean and Multifoam.
- Blow dry.

Cartridge preparation

- Remove the cap from the cartridge.
- Place the cartridge in the gun.
- Pump until both components flow out of the cartridge.
- Place the mixer tip on the cartridge and, if necessary, cut off the nozzle to enlarge the opening.
- First spout out 2 cm of product.
- Apply on a clean and dry substrate.
- Place a new mixer tip after a 50 seconds break.

Storage

- Remove mixer tip.
- Clean cartridge.
- Put cap back in place.

For a perfect finish (such as lacquering) we recommend applying a flexible plastic putty.

